

31. A liquid crystal image display apparatus for displaying a gradated image on a liquid crystal panel by supplying gradated image data to the liquid crystal panel, the display apparatus comprising:

5 means for storing gradation data representing a gradation level of the gradated image;

means for comparing current image data of a current frame with previous image data of a previous frame;

10 means for reading, as the gradated image data, the gradation data from said gradation data storing means according to a comparison result obtained from said comparing means; and

means for driving said liquid crystal panel to display an image according to said gradated image data read out from said gradation data storing means by said reading means.

32. A liquid crystal image display apparatus for displaying a gray-scaled image on a liquid crystal panel by supplying gray-scaled image data to the liquid crystal panel, the display apparatus comprising:

5 means for comparing current image data of a current frame with previous image data of a previous frame, and outputting a difference value;

means for generating gray-scaled image data according to the difference value outputted from said comparing means; and

10 means for driving said liquid crystal panel to display a
gray-scaled image according to said gray-scaled image data
generated from said generating means.

33. A liquid crystal image display apparatus according to
claim 32, wherein said generating means includes storing means
for storing gray scale data previously, thereby reading out from
said storing means the gray scale data according to the
5 difference value outputted from said comparing means.

34. A liquid crystal image display apparatus according to
claim ⁴²32, wherein said generating means further comprises means
for outputting the current image data of the current frame as the
gray scale data when the difference value outputted from said
5 comparing means is zero.

35. A liquid crystal image display apparatus according to
claim 33, wherein said generating means further comprises means
for outputting the current image data of the current frame as the
gray scale data when the difference value outputted from said
5 comparing means is zero.

36. A liquid crystal image display apparatus according to
claim ⁴²32, further comprising storing means for storing gray scale
data, and wherein said generating means further comprises means

for reading out from said storing means gray scale data according
5 to the difference value, when the difference value lies within a
predetermined range.

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37. A liquid crystal image display apparatus according to
claim 33, wherein said generating means further comprises means
for reading out from said storing means gray scale data according
to the difference value, when the difference value lies within a
5 predetermined range.

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38. A liquid crystal image display apparatus according to
claim ⁴²~~32~~, further comprising storing means for storing gray scale
data, and wherein said generating means further comprises means
for outputting one of maximum and minimum gray scale data from
5 said storing means, when the difference value lies outside of a
predetermined range.

39. A liquid crystal image display apparatus according to
claim 33, wherein said generating means further comprises means
for outputting one of maximum and minimum gray scale data from
said storing means, when the difference value lies outside of a
5 predetermined range.

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 5 40. A liquid crystal image display apparatus according to claim ~~132~~⁴², further comprising storing means for storing gray scale data, and wherein said generating means further comprises means for outputting one of maximum and minimum gray scale data from said storing means, when the gray scale of the image data has one of maximum and minimum gray scale data.

5 41. A liquid crystal image display apparatus according to claim 33, wherein said generating means further comprises means for outputting one of maximum and minimum gray scale data from said storing means, when the gray scale of the image data has one of maximum and minimum gray scale data. ~~pm~~